



STIC Search Results Feedback Form

EIC 3700

Questions about the scope or the results of the search? Contact *the EIC searcher or contact:*

John Sims, EIC 3700 Team Leader
308-4836, CP2-2C08

Voluntary Results Feedback Form

➤ I am an examiner in Workgroup: 3722 Example: 3730

➤ Relevant prior art **found**, search results used as follows:

- ☐ 102 rejection
- ☐ 103 rejection
- ☐ Cited as being of interest.
- ☐ Helped examiner better understand the invention.
- ☐ Helped examiner better understand the state of the art in their technology.

Types of relevant prior art found:

- ☐ Foreign Patent(s)
- ☐ Non-Patent Literature
(journal articles, conference proceedings, new product announcements etc.)

➤ Relevant prior art **not found**:

- ☐ Results verified the lack of relevant prior art (helped determine patentability).
- ☐ Results were not useful in determining patentability or understanding the invention.

Comments:

Drop off or send completed forms to STIC/EIC3700 CP2 2C08



Cadugan, Erica

From: Cadugan, Erica
Sent: Tuesday, January 13, 2004 4:33 PM
To: STIC-EIC3700
Subject: 09/987941 EIC search

Hi,

I need a non-patent literature search for a case. I don't know what kind of time frame you guys are looking at right now. I HAVE to move the case by next Friday (1/23), but of course early to mid-next week would be desirable (but again, I don't know what kind of time frame you guys are working in right now).

Claim:

A method of dry milling a material comprising:

providing a milling cutter with a silicon nitride based milling insert;
advancing the milling cutter relative to the material such that at least the majority of material removal is accomplished by contact with the milling insert;
cutting at a cutting speed of 1000-3000 m/min; and
feeding to a cutting depth of 0.2-2 mm,
wherein the material comprises aluminum and cast iron.

I need the general conditions of dry milling a material made of aluminum and cast iron with a silicon nitride based tool.

Key words:

Aluminum or Al
Cast iron, iron, Fe
dry, without lubrication or lubricant or cutting fluid
milling or cutting or machining
((silic\$3 adj nitride) or (SN or SiN)) in proximity to (cutter or tool or cutting/milling insert)

Thanks,

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Tracking:
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Read: 1/13/04 4:38 PM

Cadugan, Erica

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